

## **A Low-Complexity, High Accuracy Model of a CPU Power Distribution System**

### **Abstract**

A low-complexity, high accuracy model of a CPU power distribution system has been developed. The model includes models of multiple power converters that input to a board model. The board model then inputs to a package model. Finally, the package model inputs to a chip model. The model provides a high degree of accuracy with an acceptable simulation time.

Document No. 14824